

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/G 04/000043

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 F01L13/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 F01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/062609 A (TURNER JAMES WILLIAM GRIFFITH ; LOTUS CAR (GB)) 31 July 2003 (2003-07-31) page 1, lines 7-20 page 5, lines 5-31 figures 1-4	1-3,7, 11,12,14
A		11
X	WO 03/008772 A (NAUMANN HERBERT ; THYSSENKRUPP AUTOMOTIVE AG (DE)) 30 January 2003 (2003-01-30) page 1, lines 1-7 page 4, paragraph 3 - page 6, paragraph 1 figure 2	1-3,7, 11,12,14
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

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16/12/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 198 25 308 A (BAYERISCHE MOTOREN WERKE AG) 9 December 1999 (1999-12-09) column 1, lines 3-16 column 4, lines 45-61 figures 2,3 -----	1-3,7,11
A	EP 1 243 765 A (YAMAHA MOTOR CO LTD) 25 September 2002 (2002-09-25) paragraph '0007! - paragraph '0008! paragraph '0026! - paragraph '0028! figures 1,2 -----	1-8,11, 14
A	DE 42 20 816 A (SCHAEFFLER WAEHLZLAGER KG) 5 January 1994 (1994-01-05) column 1, lines 3-10 column 2, line 57 - column 3, line 52 figures 1-6 -----	1-8,11, 12
A	WO 02/103169 A (PATTAKOS MANOUSOS ; PATTAKOS JOHN (GR); PATTAKOS EMMANOUEL (GR)) 27 December 2002 (2002-12-27) cited in the application page 1, lines 1-5 page 2, lines 25-27 figures 1-9,19-22 -----	1,15
A	DE 100 61 618 A (IAV GMBH) 27 June 2002 (2002-06-27) paragraph '0001! paragraph '0003! paragraph '0015! - paragraph '0017! figures 1-4 -----	1-8,11, 12
A	EP 1 205 643 A (BATTLOGG STEFAN) 15 May 2002 (2002-05-15) paragraph '0001! figures 1-9 -----	1-8,10, 15

Information on patent family members

International Application No

PCT/CA/2004/000043

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 03062609	A	31-07-2003	GB	2384271 A , B	23-07-2003
			WO	03062609 A1	31-07-2003
WO 03008772	A	30-01-2003	DE	10136612 A1	06-02-2003
			BR	0210830 A	22-06-2004
			CA	2447252 A1	30-01-2003
			WO	03008772 A1	30-01-2003
			EP	1412621 A1	28-04-2004
			HU	0304040 A2	28-07-2004
			JP	2004522065 T	22-07-2004
			US	2004118369 A1	24-06-2004
DE 19825308	A	09-12-1999	DE	19825308 A1	09-12-1999
			DE	59909838 D1	05-08-2004
			EP	0962629 A2	08-12-1999
			US	6145485 A	14-11-2000
EP 1243765	A	25-09-2002	JP	2002276315 A	25-09-2002
			EP	1243765 A1	25-09-2002
			US	2002129779 A1	19-09-2002
DE 4220816	A	05-01-1994	DE	4220816 A1	05-01-1994
WO 02103169	A	27-12-2002	GR	2001100295 A	27-02-2003
			CA	2459544 A1	27-12-2002
			EP	1407121 A1	14-04-2004
			WO	02103169 A1	27-12-2002
			JP	2004521245 T	15-07-2004
			US	2004144346 A1	29-07-2004
DE 10061618	A	27-06-2002	DE	10061618 A1	27-06-2002
EP 1205643	A	15-05-2002	EP	1205643 A1	15-05-2002